

Building a mobile application for entering water meter readings for Thai Nguyen Clean Water Company Limited.

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Abstract: This topic aims to research and deploy a mobile application solution to collect data on water usage indicators from smart water meters. The context for selecting this topic stems from the need to automate and optimize the water resource management process of Thai Nguyen Clean Water Company Limited. The objective of the research is to build a mobile application system that helps customers easily update, view, and analyze water usage information conveniently. The research method is based on a combination of mobile technology theory and experimental application deployment at the company. The significance of the topic lies in creating a technical solution that can be widely applied, contributing to improving the efficiency of water resource management and enhancing customer experience.

Keywords: Mobile application, Smart water meter, Water resource management, Application deployment, Practical research